

# Atri Sengupta

## Digital Technology Intern

A self motivated individual, passionate about learning and solving new challenges

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## WORK EXPERIENCE

### Summer Intern SIEMENS AG

*CNC Machines*

- Technical training on CNC Machines followed by 2 months internship. Project on how to bring Siemens to first position in M2 segment of Machine tool market.

### Cash Accounting Automation initiative GE REN DT FINANCE

*Cash Automation Website*

- Established a central website, which is now a one stop platform for all tools and files on cash automation. This improved cash management and GE cash inflow.
- For a near zero investment on website, achieved approximate cost benefit of **8333\$/year**, cycle time reduction of **360 hours/year** and **quicker cash inflow of 16M\$/year** : For a conservative consideration of 10 users. [Website benefit.xlsx](#)
- Networked across GE, established point of contacts in all GE divisions to find the best possible solution for website which can be implemented at low costs and maintained by a **functional team in GE REN** without the dependency on developers.
- Framed the roadmap which can be taken up if a team without developers need to have a website with GE domain name, SSO and internal hosting, all at minimum costs. [Roadmap taken and contacts established.xlsx](#)

### ERP Migration Project GE REN DT FINANCE

*Template for GECARS-FDL projects under RACES*

- Supported ERP migration project from CCL to RACES for ONW Mx entity. Created a standardized template consisting of technical steps needed to implement GECARS lite under RACES. This helped to increase efficiency and speed up the process, making it error proof.
- Piloted the UAT.
- Based on this plan, the templates on cash automation initiative can be made. In case of ERP change, same template can be followed with minimal changes if needed.

### Kaizen event GE REN FINANCE I2C TEAM

*Worked on lean templates*

- With I2C team, listed the defects in the automated bank accounts. Identified root cause of defects. Brain stormed to frame action plans to increase automation rate.

### Peer review for documentation of ERP automation tool GE REN DT ERP

*Reviewed the ERP automation tool documentation*

- Understood the functionality of automation tool. Reviewed the documentation to make sure it is good enough for someone new to understand and use the tool.

## EDUCATION

### B.TECH (Electronics and Communication) Vellore Institute of Technology

05/2017 - 05/2021

8.65CGPA

### CBSE Class 12 Hem Sheela Model School

05/2016 - 05/2017

90%

### ICSE Class 10 St.Xavier's School

05/2014 - 05/2015

96.2%

## SKILLS

Data structures and Algorithm

Java

Operating System

Computer Network

DBMS

SQL

Amazon Web Services(AWS)

WordPress

Drupal

SharePoint

Finance

ERP

Lean

Salesforce admin beginner

## PROJECTS

### Smart Railway Track Crack Detection System using Arduino, GSM module, GPS

- Constructed an autonomous vehicle which moves on tracks and detects fatal cracks. It sends the exact geographical coordinates of the crack to the control room so that the it can be fixed and accidents can be prevented.

### Smart parking integrated with efficient traffic control system

- Constructed a smart parking lot which informs people on the number of vacant spaces available and their exact locations. I integrated it with traffic control system which monitors the time for which red traffic light will glow based on the vehicle density on the road.

### Autonomous Metro Train Prototype using 8051 Microcontroller

- Constructed a model of self driven metro train controlled by 8051 microcontroller. A LCD screen is provided which displays name of the current station. Gates of the train open and close automatically. There is a buzzer which alarms entry of train into the station. It also signals that the train is leaving the station.

## COURSES

AWS Certified Cloud Practitioner (Udemy)

Trailhead courses (20325 points, 17 badges in 4 days) [Future trails in pipeline]

AWS Migration to the cloud (Coursera)

Drupal 9 essential training [Level 1- 4] (LinkedIn Learning)

SQL (GUVI Geek)

Lean learning and Pull Kanban(BrilliantYOU)

## ACHIEVEMENTS AND RESPONSIBILITIES

Senior Coordinator, Publicity and Marketing, Riviera Cultural Fest (5th largest fest in India).

Management Lead, IEEE Chapter, VIT Vellore.

Top 15 in Codeathon and 4th in Hack4Cause Makeathon powered by SIEMENS AG.